

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/459,808

DATE: 02/10/2000
TIME: 11:13:43

Input Set: I459808.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Ashkenazi, Avi J.
2 <120> TITLE OF INVENTION: APO-2 LIGAND
3 <130> FILE REFERENCE: 11669.22US03
4 <140> CURRENT APPLICATION NUMBER: US/09/459,808
5 <141> CURRENT FILING DATE: 1999-12-13
6 <150> EARLIER APPLICATION NUMBER: 08/584,031
7 <151> EARLIER FILING DATE: 1996-01-09
8 <160> NUMBER OF SEQ ID NOS: 17
9 <170> SOFTWARE: PatentIn Ver. 2.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 281
12 <212> TYPE: PRT
13 <213> ORGANISM: Homo sapiens
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17 Val Leu Ile Val Ile Phe Thr Val Leu Leu Gln Ser Leu Cys Val Ala
18 20 25 30
19 Val Thr Tyr Val Tyr Phe Thr Asn Glu Leu Lys Gln Met Gln Asp Lys
20 35 40 45
21 Tyr Ser Lys Ser Gly Ile Ala Cys Phe Leu Lys Glu Asp Asp Ser Tyr
22 50 55 60
23 Trp Asp Pro Asn Asp Glu Glu Ser Met Asn Ser Pro Cys Trp Gln Val
24 65 70 75 80
25 Lys Trp Gln Leu Arg Gln Leu Val Arg Lys Met Ile Leu Arg Thr Ser
26 85 90 95
27 Glu Glu Thr Ile Ser Thr Val Gln Glu Lys Gln Gln Asn Ile Ser Pro
28 100 105 110
29 Leu Val Arg Glu Arg Gly Pro Gln Arg Val Ala Ala His Ile Thr Gly
30 115 120 125
31 Thr Arg Gly Arg Ser Asn Thr Leu Ser Ser Pro Asn Ser Lys Asn Glu
32 130 135 140
33 Lys Ala Leu Gly Arg Lys Ile Asn Ser Trp Glu Ser Ser Arg Ser Gly
34 145 150 155 160
35 His Ser Phe Leu Ser Asn Leu His Leu Arg Asn Gly Glu Leu Val Ile
36 165 170 175
37 His Glu Lys Gly Phe Tyr Tyr Ile Tyr Ser Gln Thr Tyr Phe Arg Phe
38 180 185 190
39 Gln Glu Glu Ile Lys Glu Asn Thr Lys Asn Asp Lys Gln Met Val Gln
40 195 200 205
41 Tyr Ile Tyr Lys Tyr Thr Ser Tyr Pro Asp Pro Ile Leu Leu Met Lys
42 210 215 220
43 Ser Ala Arg Asn Ser Cys Trp Ser Lys Asp Ala Glu Tyr Gly Leu Tyr
44 225 230 235 240

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Input Set: I459808.RAW

45 Ser Ile Tyr Gln Gly Gly Ile Phe Glu Leu Lys Glu Asn Asp Arg Ile
46 245 250 255
47 Phe Val Ser Val Thr Asn Glu His Leu Ile Asp Met Asp His Glu Ala
48 260 265 270
49 Ser Phe Phe Gly Ala Phe Leu Val Gly
50 275 280
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52 <211> LENGTH: 1042
53 <212> TYPE: DNA
54 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 2
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agcctggac agacctgcgt gctgatcgat atcttcacag tgctcctgca gtctctctgt 180
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aaaagtggca ttgcttgttt cttaaaaagaa gatgacagtt attgggaccc caatgacgaa 300
gagagtatga acagccccctg ctggcaagtc aagtggcaac tccgtcagct cgtagaaag 360
atgatttga gaacctctga ggaaaccatt tctacagttc aagaaaagca acaaaaatatt 420
tctcccctag ttagagaaaag aggtcctcag agagtagcag ctcacataac tgggaccaga 480
ggaagaagca acacattgtc ttctccaaac tccaaagaatg aaaaggctct gggccgcaaa 540
ataaaactcct gggaaatcatc aaggagtggg cattcattcc tgagcaactt gcacttgagg 600
aatggtaac tggcatcca tgaaaaaggg ttttactaca tctattccca aacataacttt 660
cgatttcagg agggaaataaa agaaaacaca aagaacgaca aacaaatggt ccaatataatt 720
tacaaaataca caagtttatcc tgaccctata ttgtttagtga aaagtgcgtt aatagttgt 780
tggcttaaag atgcagaata tggactctat tccatctatc aagggggat atttgagctt 840
aaggaaaatg acagaatttt tgtttctgtt acaaatacgac acttgataga catggaccat 900
gaagccagtt tttcggggc cttttagtt ggctaactga cctggaaaga aaaagcaata 960
acctcaaagt gactattcag tttcaggat gatacactat gaagatgttt caaaaaatct 1020
gaccaaaaaca aacaaacaga aa 1042
74 <210> SEQ ID NO 3
75 <211> LENGTH: 390
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 3
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aaaagcaaca aaatatttct cccctagtga gagaaagagg tcctcagaga ttagcagctc 180
acataactgg gaccagagga agaagcaaca cattgtcttc tccaaactcc aagaatgaaa 240
aggctctggg ccgcaaaata aactcctggg aatcatcaag gatgtggcat tcattcctga 300
gcaacttgca cttgaggaat ggtgaactgg tcattccatga aaaagggttt tactacatct 360
atccccaaac atactttcga tttcaggagg 390
86 <210> SEQ ID NO 4
87 <211> LENGTH: 60
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(60)
93 <223> OTHER INFORMATION: Sequence is synthesized
94 <400> SEQUENCE: 4

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/459,808

DATE: 02/10/2000
TIME: 11:13:43

Input Set: I459808.RAW

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97 <211> LENGTH: 60
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (1)..(60)
103 <223> OTHER INFORMATION: Sequence is synthesized
104 <400> SEQUENCE: 5
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106 <210> SEQ ID NO 6
107 <211> LENGTH: 13
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <221> NAME/KEY: UNSURE
112 <222> LOCATION: (1)..(13)
113 <223> OTHER INFORMATION: Sequence is synthesized
114 <400> SEQUENCE: 6
115 Ser Met Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
116 1 5 10
117 <210> SEQ ID NO 7
118 <211> LENGTH: 27
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <221> NAME/KEY: UNSURE
123 <222> LOCATION: (1)..(27)
124 <223> OTHER INFORMATION: Sequence is synthesized
125 <400> SEQUENCE: 7
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127 1 5 10 15
128 Phe Arg Gly Lys Asp Leu Pro Val Leu Asp Gln
129 20 25
130 <210> SEQ ID NO 8
131 <211> LENGTH: 24
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <221> NAME/KEY: UNSURE
136 <222> LOCATION: (1)..(24)
137 <223> OTHER INFORMATION: Sequence is synthesized
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140 1 5 10 15
141 Ile Asp Asp Asp Asp Lys His Met
142 20
143 <210> SEQ ID NO 9
144 <211> LENGTH: 175

Input Set: I459808.RAW

145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 9
148 Asp Pro Ala Gly Leu Leu Asp Leu Arg Gln Gly Met Phe Ala Gln Leu
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150 Val Ala Gln Asn Val Leu Leu Ile Asp Gly Pro Leu Ser Trp Tyr Ser
151 20 25 30
152 Asp Pro Gly Leu Ala Gly Val Ser Leu Thr Gly Gly Leu Ser Tyr Lys
153 35 40 45
154 Glu Asp Thr Lys Glu Leu Val Val Ala Lys Ala Gly Val Tyr Tyr Val
155 50 55 60
156 Phe Phe Gln Leu Glu Leu Arg Arg Val Val Ala Gly Glu Gly Ser Gly
157 65 70 75 80
158 Ser Val Ser Leu Ala Leu His Leu Gln Pro Leu Arg Ser Ala Ala Gly
159 85 90 95
160 Ala Ala Ala Leu Ala Leu Thr Val Asp Leu Pro Pro Ala Ser Ser Glu
161 100 105 110
162 Ala Arg Asn Ser Ala Phe Gly Phe Gln Gly Arg Leu Leu His Leu Ser
163 115 120 125
164 Ala Gly Gln Arg Leu Gly Val His Leu His Thr Glu Ala Arg Ala Arg
165 130 135 140
166 His Ala Trp Gln Leu Thr Gln Gly Ala Thr Val Leu Gly Leu Phe Arg
167 145 150 155 160
168 Val Thr Pro Glu Ile Pro Ala Gly Leu Pro Ser Pro Arg Ser Glu
169 165 170 175
170 <210> SEQ ID NO 10
171 <211> LENGTH: 132
172 <212> TYPE: PRT
173 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 10
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176 1 5 10 15
177 Glu Tyr Lys Lys Glu Lys Gly Phe Ile Leu Thr Ser Gln Lys Glu Asp
178 20 25 30
179 Glu Ile Met Lys Val Gln Asn Asn Ser Val Ile Ile Asn Cys Asp Gly
180 35 40 45
181 Phe Tyr Leu Ile Ser Leu Lys Gly Tyr Phe Ser Gln Glu Val Asn Ile
182 50 55 60
183 Ser Leu His Tyr Gln Lys Asp Glu Glu Pro Leu Phe Gln Leu Lys Lys
184 65 70 75 80
185 Val Arg Ser Val Asn Ser Leu Met Val Ala Ser Leu Thr Tyr Lys Asp
186 85 90 95
187 Lys Val Tyr Leu Asn Val Thr Thr Asp Asn Thr Ser Leu Asp Asp Phe
188 100 105 110
189 His Val Asn Gly Gly Glu Leu Ile Leu Ile His Gln Asn Pro Gly Glu
190 115 120 125
191 Phe Cys Val Leu
192 130
193 <210> SEQ ID NO 11
194 <211> LENGTH: 151

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/459,808DATE: 02/10/2000
TIME: 11:13:43

Input Set: I459808.RAW

195 <212> TYPE: PRT
196 <213> ORGANISM: Homo sapiens
197 <400> SEQUENCE: 11
198 Gln Gln Gln Leu Pro Leu Glu Ser Leu Gly Trp Asp Val Ala Glu Leu
199 1 5 10 15
200 Gln Leu Asn His Thr Gly Pro Gln Gln Asp Pro Arg Leu Tyr Trp Gln
201 20 25 30
202 Gly Gly Pro Ala Leu Gly Arg Ser Phe Leu His Gly Pro Glu Leu Asp
203 35 40 45
204 Lys Gly Gln Leu Arg Ile His Arg Asp Gly Ile Tyr Met Val His Ile
205 50 55 60
206 Gln Val Thr Leu Ala Ile Cys Ser Ser Thr Thr Ala Ser Arg His His
207 65 70 75 80
208 Pro Thr Thr Leu Ala Val Gly Ile Cys Ser Pro Ala Ser Arg Ser Ile
209 85 90 95
210 Ser Leu Leu Arg Leu Ser Phe His Phe His Gln Gly Cys Thr Ile Val
211 100 105 110
212 Ser Gln Arg Leu Thr Pro Leu Ala Arg Gly Asp Thr Leu Cys Thr Asn
213 115 120 125
214 Leu Thr Gly Thr Leu Leu Pro Ser Arg Asn Thr Asp Glu Thr Phe Phe
215 130 135 140
216 Gly Val Gln Trp Val Arg Pro
217 145 150
218 <210> SEQ ID NO 12
219 <211> LENGTH: 148
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 12
223 Leu Cys Ile Leu Lys Arg Ala Pro Phe Lys Lys Ser Trp Ala Tyr Leu
224 1 5 10 15
225 Gln Val Ala Lys His Leu Asn Lys Thr Lys Leu Ser Trp Asn Lys Asp
226 20 25 30
227 Gly Ile Leu His Gly Val Arg Tyr Gln Asp Gly Asn Leu Val Ile Gln
228 35 40 45
229 Phe Pro Gly Leu Tyr Phe Ile Ile Cys Gln Leu Gln Phe Leu Val Gln
230 50 55 60
231 Cys Pro Asn Asn Ser Val Asp Leu Lys Leu Glu Leu Leu Ile Asn Lys
232 65 70 75 80
233 His Ile Lys Lys Gln Ala Leu Val Thr Val Cys Glu Ser Gly Met Gln
234 85 90 95
235 Thr Lys His Val Tyr Gln Asn Leu Ser Gln Phe Leu Leu Asp Tyr Leu
236 100 105 110
237 Gln Val Asn Thr Thr Ile Ser Val Asn Val Asp Thr Phe Gln Tyr Ile
238 115 120 125
239 Asp Thr Ser Thr Phe Pro Leu Glu Asn Val Leu Ser Ile Phe Leu Tyr
240 130 135 140
241 Ser Asn Ser Asp
242 145
243 <210> SEQ ID NO 13
244 <211> LENGTH: 157

PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/459,808

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TIME: 11:13:43

Input Set: I459808.RAW

Line ? Error/Warning

Original Text
